

IN THE CLAIMS

1. (currently amended) A method of transmitting image data through a network including a router to a plurality of terminals, said method comprising the steps of:

- adding screening information to the image data for each of a plurality of image types;
- transmitting the image data of the plurality of image types to the network;
- receiving the image data of the plurality of image types from the network by the router;
- selecting, by the router, the image data of one of the plurality of an image type types corresponding to a network environment of a transmission path based on the screening information; and
- transmitting the image data of the image type selected by the router to one of the plurality of terminals through said transmission path.

2. (currently amended) A method of transmitting image data through a network including a router to a plurality of terminals, said method comprising the steps of:

- adding screening information representing a value corresponding to an image type to the image data;
- transmitting the image data to the network;
- receiving the image data from the network by the router;
- selecting the image data including the screening information corresponding to a network environment of each transmission path by the router; and
- transmitting the image data selected by the router to the plurality of terminals through said each transmission path.

3. (currently amended) An image transmission apparatus transmitting image data through a network including a router to a plurality of terminals, said image transmission apparatus comprising a screening-information adding unit adding screening information that is a standard of selecting the image data for each transmission path at the router, to the image data, and then transmitting the image data to the network;

wherein said image data is made into a packet for each image type, and said screening information is a value corresponding to the image type.

4. (canceled)

5. (currently amended) The image transmission apparatus as claimed in claim 3 4, wherein said image type is one of an I-picture, a P-picture and a B-picture of an MPEG (Moving Picture Experts Group), said packet is an IP (Internet Protocol) packet, and said screening information is a destination port number included in a UDP (User Datagram Protocol) header of the IP packet.

6. (currently amended) A routing apparatus receiving image data from an image transmission apparatus through a network, and transmitting the image data to a plurality of terminals, said routing apparatus comprising a selecting and transmitting unit selecting the image data including screening information corresponding to a network environment of each transmission path, and transmitting selected image data to the plurality of terminals through said each transmission path;

wherein said image data is made into a packet for each image type, and said screening information is a value corresponding to the image type.

7. (canceled)

8. (currently amended) The routing apparatus as claimed in claim 6 7, wherein said image type is one of an I-picture, a P-picture and a B-picture of an MPEG (Moving Picture Experts Group), said packet is an IP (Internet Protocol) packet, and said screening information is a destination port number included in a UDP (User Datagram Protocol) header of the IP packet.

9. (currently amended) An image transmission system comprising:

an image transmission apparatus adding screening information to image data, and transmitting the image data to a network;

a routing apparatus receiving the image data from the network, selecting the image data including the screening information corresponding to a network environment of each transmission path, and transmitting selected image data to each transmission path; and

a plurality of terminals, each receiving the image data selected by said routing apparatus through a corresponding transmission path;

wherein said image data is made into a packet for each image type, and said screening information is a value corresponding to the image type.

10. (canceled)

11. (currently amended) The image transmission ~~system apparatus~~ as claimed in claim 9
10, wherein said image type is one of an I-picture, a P-picture and a B-picture of an MPEG
(Moving Picture Experts Group), said packet is an IP (Internet Protocol) packet, and said
screening information is a destination port number included in a UDP (User Datagram Protocol)
header of the IP packet.